

**MATHEMATICS ASSIGNMENTS FOR L4 SOD-A, NIT & MMP**

Find the derivative of a function BY USING FIRST PRINCIPLE METHOD

a.  $F(x) = \frac{2x-1}{3x+5}$

b.  $F(x) = \sqrt[2]{x+5}$

c.  $f(x) = 2x^3 - 5x^2 + 3x + 16$

d.  $f(x) = \frac{2x^2}{5x+4}$

e.  $f(x) = \sqrt{5x-4}$